

2005-06-01

5 The controller has a plurality of management modules which  
are in-charge of plurality of the redundant groups  
respectively and issuing a logical format request for each  
area of said logical volume by referring to a management  
table for managing progress information of the logical format  
10 processing. Each management module has a plurality of the  
management table for being in-charge of said plurality of  
redundant groups and a queue for queuing the disk access  
request. The management module, according to the disk access  
request, judges whether all the access request areas have  
15 been logically formatted referring to the management table.